

Title (en)
AMPLIFIER ARRANGEMENT

Publication
EP 0309063 B1 19921209 (EN)

Application
EP 88202067 A 19880922

Priority
NL 8702262 A 19870923

Abstract (en)
[origin: EP0309063A1] The first (T1) and the second (T2) output transistor of an amplifier arrangement are push-pull driven by means of a drive circuit (10) having two transistors (T11, T12) which are each loaded by a current source (T13, T14). Currents which are a measure of the currents flowing through the first (T1) and the second (T2) output transistor are generated by a first (20) and second (30) current measuring means. These currents are applied to a negative feedback means (40) which controls the current intensity of the current sources (T13, T14) in such a way that the harmonic mean value of the currents flowing through the first (T1) and the second (T2) output transistor is substantially equal to a reference value.

IPC 1-7
H03F 1/32; **H03F 3/30**

IPC 8 full level
H03F 1/32 (2006.01); **H03F 3/20** (2006.01); **H03F 3/30** (2006.01); **H03F 3/45** (2006.01)

CPC (source: EP KR US)
H03F 1/3217 (2013.01 - EP US); **H03F 3/3093** (2013.01 - EP US); **H03F 3/45** (2013.01 - KR); **H03F 2203/30045** (2013.01 - EP US)

Cited by
EP0762635A3; EP0415503A1; FR2651623A1; EP0669709A1; US6150853A; EP0425838A1; US5083046A; EP0843409A1; US5973555A; EP0840444A1; US5920229A; US7012465B2; WO03015261A1

Designated contracting state (EPC)
AT DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0309063 A1 19890329; **EP 0309063 B1 19921209**; AT E83342 T1 19921215; DE 3876564 D1 19930121; DE 3876564 T2 19930617; HK 70794 A 19940729; JP 2522998 B2 19960807; JP H01106604 A 19890424; KR 890005979 A 19890518; KR 970005291 B1 19970415; US 4853645 A 19890801; US 4857861 A 19890815

DOCDB simple family (application)
EP 88202067 A 19880922; AT 88202067 T 19880922; DE 3876564 T 19880922; HK 70794 A 19940721; JP 23861588 A 19880922; KR 880012297 A 19880923; US 16292188 A 19880302; US 24962388 A 19880926